

PTO/SB/22 (08-03)

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| | | | |
|--|--|--|--|
| PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a) | | Docket No. (Optional) HSE-020CPCN2RCE | |
| In re Application of Michael S. Hsu, et al. | | | |
| Application Number 09/352093-Conf. #1685 | | Filed July 14, 1999 | |
| For: ULTRA-HIGH EFFICIENCY TURBINE AND FUEL CELL COMBINATION | | | |
| Art Unit 1742 | | Examiner D. Valentine | |

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application

The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

| | |
|---|-----------|
| <input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1)) | \$ 110.00 |
| <input type="checkbox"/> Two months (37 CFR 1.17(a)(2)) | \$ |
| <input type="checkbox"/> Three months (37 CFR 1.17(a)(3)) | \$ |
| <input type="checkbox"/> Four months (37 CFR 1.17(a)(4)) | \$ |
| <input type="checkbox"/> Five months (37 CFR 1.17(a)(5)) | \$ |

☒ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is. \$ 55.00

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director has already been authorized to charge fees in this application to a Deposit Account.

☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 12-0080

I have enclosed a duplicate copy of this sheet.

I am the ☐ applicant/inventor.
☐ assignee of record of the entire interest. See 37 CFR 3.71.
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
☐ attorney or agent of record. Registration Number _____
☒ attorney or agent under 37 CFR 1.34(a).
 Registration number if acting under 37 CFR 1.34(a) 60,445

September 25, 2003
Date

(617) 227-7400
Telephone Number

Signature: John S. Curran
John S. Curran
Typed or printed name

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of 1 forms are submitted.

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Dated September 25, 2003

Signature: John S. Curran (John S. Curran)

PTO/SB/17 (08-03)
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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003, Patent fees are subject to annual revision

☒ Applicant claims small entity status. See 37 CFR 1.27

| | | | |
|-------------------------------------|--|-------|--|
| TOTAL AMOUNT OF PAYMENT (\$) | | 55.00 | |
|-------------------------------------|--|-------|--|

Complete if Known

| | |
|----------------------|-----------------------|
| Application Number | 09/352093-Conf. #1685 |
| Filing Date | July 14, 1999 |
| First Named Inventor | Michael S. Hsu |
| Examiner Name | D. Valentine |
| Art Unit | 1742 |
| Attorney Docket No. | HSE-020CPCN2RCE |

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number: 12-0080

Deposit Account Name: Lahive & Cockfield, LLP

The Director is authorized to (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|--------------------------|-----------------------|-----------------------|-----------------------|------------------------|----------|
| 1001 | 750 | 2001 | 375 | Utility filing fee | |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) (\$) | | | | | 0.00 |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims: 20** = 20** =

Independent Claims: 3** = 3** =

Multiple Dependent: 3** = 3** =

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|--------------------------|-----------------------|-----------------------|-----------------------|---|----------|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 | |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid | |
| 1204 | 84 | 2204 | 42 | Reissue independent claims over original patent | |
| 1205 | 18 | 2205 | 9 | Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) (\$) | | | | | 0.00 |

** or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------------------|-----------------------|-----------------------|-----------------------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 2053 | 65 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | 55.00 |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 410 | 2252 | 205 | Extension for reply within second month | |
| 1253 | 930 | 2253 | 465 | Extension for reply within third month | |
| 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | |
| 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | |
| 1502 | 470 | 2502 | 235 | Design issue fee | |
| 1503 | 630 | 2503 | 315 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Payments to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Sheet | |
| 8021 | 40 | 8021 | 40 | Reporting each patent assignment per property (times number of properties) | |
| 1808 | 750 | 2808 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| Other fee (specify): | | | | | |
| *Reduced by Basic Filing Fee Paid | | | | | |
| SUBTOTAL (3) (\$) | | | | | 55.00 |

SUBMITTED BY

| | | | | | |
|-------------------|-----------------------|-----------------------------------|--------------------|-----------|----------------|
| Name (Print/Type) | John S. Curran | Registration No. (Attorney/Agent) | 50,445 | Telephone | (617) 227-7400 |
| Signature | <i>John S. Curran</i> | Date | September 25, 2003 | | |

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Dated September 25, 2003

Signature: *John S. Curran* (John S. Curran)

PTO/SB/97 (12-97)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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on September 25, 2003
Date

John S. Curran
Signature

John S. Curran
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Amendment Transmittal (1 page);
One Month Request for Extension of Time Under 37 CFR 1.136(a) (1 page);
Fee Transmittal (1 page);
Certificate of Transmission under 37 CFR 1.8 (1 page); and
Charge \$55.00 to deposit account 12-0080.

FAX TRANSMISSION**DATE:** September 25, 2003**PTO IDENTIFIER:** Application Number 09/352093-Conf. #1685
Patent Number**Inventor:** Michael S. Hsu, et al.**MESSAGE TO:** D. Valentine**FAX NUMBER:** (703) 872-9310**OFFICIAL****FROM:** LAHIVE & COCKFIELD, LLP

John S. Curran

PHONE: (617) 227-7400**Attorney Dkt. #:** HSE-020CPCN2RCE**RECEIVED**
CENTRAL FAX CENTER
SEP 26 2003**PAGES (Including Cover Sheet):** 8**CONTENTS:**

Response (3 pages)
Amendment Transmittal (1 page);
One Month Request for Extension of Time Under 37 CFR 1.136(a) (1 page);
Fee Transmittal (1 page);
Certificate of Transmission under 37 CFR 1.8 (1 page); and
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LAHIVE & COCKFIELD, LLP
28 State Street, Boston, Massachusetts 02109
Telephone: (617) 227-7400 Facsimile: (617) 742-4214

| AMENDMENT TRANSMITTAL LETTER | | | | Docket No. HSE-020CPCN2RCE | |
|---|---|---|-----------------------------------|-------------------------------|----------------------------------|
| Application No. 09/352093-Conf. #1685 | Filing Date July 14, 1999 | Examiner D. Valentine | Art Unit 1742 | | |
| Applicant(s): Michael S. Hsu, et al. | | | | | |
| Invention: ULTRA-HIGH EFFICIENCY TURBINE AND FUEL CELL COMBINATION | | | | | |
| TO THE COMMISSIONER FOR PATENTS Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below. | | | | | |
| CLAIMS AS AMENDED | | | | | |
| | Claims Remaining After Amendment | Highest Number Previously Paid | Number Extra Claims Present | Rate | |
| Total Claims | | - 20 = | | x | |
| Independent Claims | | - 3 = | | x | |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | OFFICIAL |
| Other fee (please specify): | | | | | |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: | | | | | 0 00 |
| <input type="checkbox"/> Large Entity <input checked="" type="checkbox"/> Small Entity | | | | | |
| <input checked="" type="checkbox"/> No additional fee is required for this amendment. | | | | | |
| <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed. | | | | | |
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| <input checked="" type="checkbox"/> Credit any overpayment. | | | | | |
| <input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17. | | | | | |
| <u>John S. Curran</u> John S. Curran Attorney Reg. No.: 50,445 LAHIVE & COCKFIELD, LLP 28 State Street Boston, Massachusetts 02109 (617) 227-7400 | | | | | Dated: <u>September 25, 2003</u> |
| I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9310, on the date shown below. Dated: September 25, 2003 Signature: <u>John S. Curran</u> (John S. Curran) | | | | | |